

Recombinant Human USP7, His-tagged

Cat. No. USP7-29182TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 907-1102 of Human HAUSP / USP7 with N terminal His tag; 196 amino acids, 29kDa.
Species	Human
Source	E.coli
ProteinLength	907-1102 a.a.
Description	Ubiquitin-specific-processing protease 7 (USP7) also known as ubiquitin carboxyl-terminal hydrolase 7 or herpesvirus-associated ubiquitin-specific protease (HAUSP) is an enzyme that in humans is encoded by the USP7 gene.
Conjugation	HIS
Tissue specificity	Widely expressed. Overexpressed in prostate cancer.
Form	Lyophilised:Reconstitute with 146 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium hydrogen phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	EITLYPDKHGCVRDLLEECKKAVELGEKASGKLRLLLEIVS YKIIGVHQEDELLECLSPA

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acids TSRTFRIEEIPLDQVDIDK ENEMLVTVAHFHKEVFGTFGIPFLLRIHQGEHFREVMK R
IQSLLDIQEKEFEKFKFAIVMMGRHQYINEDEYEVLNLD FEPQPGNMSHPRPWLGL
DHFNKAPKRSRYTYLEKAIKI HN

Sequence Similarities Belongs to the peptidase C19 family.Contains 1 MATH domain.

GENE INFORMATION

Gene Name USP7 ubiquitin specific peptidase 7 (herpes virus-associated) [Homo sapiens]

Official Symbol USP7

Synonyms USP7; ubiquitin specific peptidase 7 (herpes virus-associated); HAUSP, ubiquitin specific protease 7 (herpes virus associated); ubiquitin carboxyl-terminal hydrolase 7;

Gene ID 7874

mRNA Refseq NM_003470

Protein Refseq NP_003461

MIM 602519

Uniprot ID Q93009

Chromosome Location 16p13.3

Pathway FoxO family signaling, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; p53 pathway, organism-specific biosystem;

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Function

cysteine-type endopeptidase activity; p53 binding; peptidase activity; protein C-terminus binding; protein binding;

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